

10/782,370

Art Unit: 3571

In the Claims:

1. (currently amended) A brassiere for supporting a wearer's breasts comprising:

a pair of breast cups with each of said pair of breast cups connected to a central panel, said central panel being disposed between said pair of breast cups; and

a pair of side panels, each being connected to a separate one of said pair of breast cups, wherein each of said pair of breast cups has a first fabric layer, a second fabric layer and a third fabric layer between said first fabric layer and said second fabric layer, said third fabric layer having an outer surface and an inner surface, wherein said third fabric layer provides breathability to the wearer's breasts and support to said pair of breast cups, and wherein said third fabric layer is a spacer fabric having a first side and a second side, said third fabric layer having has a feature selected from the group consisting of a plurality of perforations, a plurality of valleys, or a plurality of dimples, and any combination thereof in a location of said third fabric layer.

2. (previously presented) The brassiere of claim 1, wherein said location is selected from the group consisting of said outer surface, said inner surface, both said outer surface and said inner surface, a portion of said outer surface, a portion of said inner surface, and any combinations thereof.

3. (original) The brassiere of claim 1, wherein said third fabric layer has a plurality of perforations, said plurality of perforation forming a pattern, said pattern being visible through said first fabric layer.

4. (original) The brassiere of claim 3, wherein said pattern is selected from the group consisting of a floral pattern, a flower, a plurality of flowers, a

10/782,370

Art Unit: 3571

heart, a plurality of hearts, a spiral, a plurality of spirals, a free-form design, a message, a plurality of numbers, a plurality of letters, a logo, and any combinations thereof.

5. (original) The brassiere of claim 1, wherein said third fabric layer has a feature selected from the group consisting of a plurality of dimples, a plurality of valleys, and any combinations thereof.

6. (previously presented) The brassiere of claim 1, wherein said third fabric layer is made from a material selected from the group consisting of a mono-filament material, a multi-filament material, a polyester, a microfiber, a cotton, a nylon, a spandex, a stretchable fabric material, a power mesh material, a multi-filament polyester spandex, a molded fabric material, a weft knit fabric, a warp knit fabric, and any combinations thereof.

7. (original) The brassiere of claim 1, wherein said third fabric layer is connected between said first fabric layer and said second fabric layer, said third layer being connected by a method selected from the group consisting of sewing, gluing, riveting, molding, ultrasonic connection, a mechanical connection, and any combinations thereof.

8. (original) The brassiere of claim 1, wherein said third fabric layer is connected peripherally to said first fabric layer and said second fabric layer, wherein said third fabric layer is substantially enclosed between said first fabric layer and said second fabric layer.

9. (currently amended) An article of clothing for covering a wearer's breasts comprising:

a first breast cup;

10/782,370

Art Unit: 3571

a second breast cup;

a center gore being between said first breast cup and a second breast cup, said first breast cup and said second breast cup having an outer layer of fabric; and

a spacer fabric layer being ~~on~~connected to said outer layer of fabric when the article of fabric of clothing is positioned on the wearer, said spacer fabric layer being positioned between said outer fabric layer and the wearer's breasts, wherein said spacer fabric layer provides breathability to the wearer's breasts, and wherein said spacer fabric layer has a first side and a second side, said spacer fabric layer having a plurality of perforations on a location of said spacer fabric layer.

10. (original) The article of clothing of claim 9, wherein said spacer fabric layer has a first surface, said first surface facing the wearer's breasts, said first surface being substantially smooth relative to a second surface, said second surface being opposite said first surface.

11. (original) The article of clothing of claim 9, wherein said plurality of perforations are on a portion of the spacer fabric layer that correspond to a location where the wearer's breasts lay, said plurality of perforations allowing a predetermined amount of air to substantially traverse through said spacer fabric layer, said predetermined amount of air being suitable to cool the wearer's breasts during exercise.

12. (original) The article of clothing of claim 9, wherein said spacer fabric layer has a feature selected from the group consisting of a plurality of dimples, a plurality of valleys, a concave surface, a convex surface, an aperture, a hole, and any combinations thereof.

10/782,370

Art Unit: 3571

13. (original) The article of clothing of claim 12, wherein said feature is formed in a pattern, said pattern being selected from the group consisting of a floral pattern, a flower, a plurality of flowers, a heart, a plurality of hearts, a spiral, a plurality of spirals, a free-form design, a message, a plurality of numbers, a plurality of letters, a logo, and any combinations thereof.

14. (previously presented) The article of clothing of claim 9, wherein said spacer fabric layer and said outer fabric layer are formed from a material being selected from the group consisting of a mono-filament material, a multi-filament material, a polyester, a microfiber, a cotton, a nylon, a spandex, a stretchable fabric material, a power mesh material, a multi-filament polyester spandex, a molded fabric material, a weft knit fabric, a warp knit fabric, and any combinations thereof.

15. (original) An article of clothing for covering over a wearer's breasts comprising:

a first fabric layer;

a second fabric layer; and

a spacer fabric layer being enclosed between said first fabric layer and said second fabric layer, wherein said spacer fabric layer provides breathability to the wearer's breasts, and wherein said spacer fabric layer has a pattern, said pattern being visible through at least one of said first fabric layer and said second fabric layer, said pattern being disposed on a first location, said first location corresponding to a second location where the wearer's breasts lay.

16. (original) A method of making an article of clothing, the method comprising the steps of:

10/782,370

Art Unit: 3571

molding a spacer layer into a pair of breast cups using a mold, said mold being heated to a temperature, said temperature being in a range that includes about 400 degrees Fahrenheit for a time period, said time period being in a range that includes about 50 to about 55 seconds;

positioning said spacer layer under a single headed device, said single headed device having an anvil and a horn, said anvil having a cutting edge and an embossing area;

mating said horn and said anvil with said spacer layer being between said anvil and said horn, said cutting edge cutting a pattern in said molded spacer layer by cutting a plurality of perforations in said spacer layer, each of said plurality of perforations of said pattern having an edge;

applying ultrasonic energy to said spacer layer so that said edge of each of said plurality of perforations of said pattern formed in said spacer layer is sealed; and

stitching said spacer layer having said pattern between a first fabric layer and a second fabric layer, wherein said pattern is visible through at least one of said first fabric layer and said second fabric layer.

17. (original) The method of claim 16, wherein said cutting edge and a surface of said anvil form an angle, said angle being in a range that includes about one hundred twenty degrees, said range for substantially eliminating a shear stress on said molded spacer fabric during said cutting.

18. (original) The method of claim 16, wherein said ultrasonic energy has a frequency, said frequency being in a range that includes about 10 kilohertz to about 50 kilohertz.

10/782,370

Art Unit: 3571

19. (original) The method of claim 16, wherein said horn has a coating being on said horn, and said mold is an impression mold.

20. (original) The method of claim 16, further comprising the step of rotating said spacer layer when mating said horn with said anvil, said spacer layer being between said anvil and said horn, said rotation causing a plurality of patterns to be formed on said spacer layer.